What is claimed is:

1.   An image processing apparatus comprising:

moving picture encoding means for encoding still picture image data with a specified moving picture encoding scheme;

5   data processing means for adding time extension information to extend reproduction time by the time same as that of voice data related to said still picture image data to output of said moving picture encoding means in a format corresponding to said moving picture encoding scheme; and

10   multiplexing means for multiplexing and outputting the output of said data processing means and said voice data.

2.   The image processing apparatus according to claim 1 further comprising:

voice encoding means for encoding said voice data with a
15   specified voice encoding scheme.

3.   The image processing apparatus according to claim 1, wherein said data processing means receives information on reproduction time of said voice data acquired by said voice encoding means and acquires said time extension information.

20   4.   The image processing apparatus according to claim 1, wherein said data processing means extracts data for one frame corresponding to said still picture image data from output of said moving picture encoding means, and has first means for adding

invalid frames following the data for a time corresponding to reproduction time of said voice data at a specified period as said time extension information.

5.· The image processing apparatus according to claim 1, wherein said data processing means extracts data for one frame corresponding to said still picture image data from output of said moving picture encoding means, and has second means for adding invalid frames after a time corresponding to reproduction time of said voice data as said time extension information.

6. The image processing apparatus according to claim 1, wherein said data processing means extracts data for one frame corresponding to said still picture image data from output of said moving picture encoding means, and has third means for adding said time extension information to the extracted data.

7. The image processing apparatus according to claim 1, wherein said data processing means comprises:
extraction means for extracting data for one frame corresponding to said still picture image data from output of said moving picture encoding means;
first means for adding invalid frames following the data for a time corresponding to reproduction time of said voice data at a specified period as said time extension information;

second means for adding invalid frames after a time corresponding to reproduction time of said voice data as said time extension information;

third means for adding said time extension information to

5 the extracted data; and

selection means for selecting either of the first to third means.

8. The image processing apparatus according to claim 4, wherein said data processing means further comprises means for

10 continuing control for processing of said first, second or third means a specified times after completing processing of said first, second or third means.

9. The image processing apparatus according to claim 1, further comprising:

15 a camera to generate said still picture image data; and a microphone to generate said voice data.

10. The image processing apparatus according to claim 9, wherein said image processing apparatus is a cellular phone.

11. The image processing apparatus according to claim 1, further

20 comprising:

means for extracting desired still picture image data and voice data related to it from moving picture data added with voice data, wherein

the extracted still picture image data is supplied to said
data processing means.

12. An image processing method comprising:

a moving picture encoding step for encoding still picture

5   image data with a specified moving picture encoding scheme;

a data processing step for adding time extension information
to extend reproduction time by the time same as that of voice
data related to said still picture image data to output of said
moving picture encoding means in a format corresponding to said

10   moving picture encoding scheme; and

a multiplexing step for multiplexing and outputting the
output after data processing and said voice data.

13. The image processing method according to claim 12 further
comprising:

15   a voice encoding step for encoding said voice data with
a specified voice encoding scheme.

14. The image processing method according to claim 12, wherein
said data processing step receives information on
reproduction time of said voice data acquired by said voice

20   encoding step and acquires said time extension information.

15. The image processing method according to claim 12, wherein
said data processing step extracts data for one frame
corresponding to said still picture image data from output of

said moving picture encoding step, and has a first step for adding invalid frames following the data for a time corresponding to reproduction time of said voice data at a specified period as said time extension information.

5   16.   The image processing method according to claim 12, wherein said data processing step extracts data for one frame corresponding to said still picture image data from output of said moving picture encoding step, and has a second step for adding invalid frames after a time corresponding to reproduction

10   time of said voice data as said time extension information.

17.   The image processing method according to claim 12, wherein said data processing step extracts data for one frame corresponding to said still picture image data from output of said moving picture encoding step, and has a third step for adding

15   said time extension information to the extracted data.

18.   The image processing method according to claim 12, wherein said data processing step comprises:

an extraction step for extracting data for one frame corresponding to said still picture image data from output of

20   said moving picture encoding step;

a first step for adding invalid frames following the data for a time corresponding to reproduction time of said voice data at a specified period as said time extension information;

a second step for adding invalid frames after a time corresponding to reproduction time of said voice data as said time extension information;

a third step for adding said time extension information
5   to the extracted data; and

a selection step for selecting either of the first to third steps.

19.   The image processing method according to claim 15, wherein said data processing step further comprises a step for
10   continuing control for processing of said first, second or third step a specified times after completing processing of said first, second or third step.

20.   The image processing method according to claim 12, further comprising:
15   a step for generating said still picture image data through a camera; and

a step for generating said voice data through a microphone.

21.   The image processing method according to claim 20, wherein a cellular phone is used.

20   22.   The image processing method according to claim 12, further comprising:

a step for extracting desired still picture image data and voice data related to it from moving picture data added with voice data, wherein

the extracted still picture image data is supplied to said
5   data processing step.

23.   An image processing system comprising:

an image processing apparatus including:

moving picture encoding means for encoding still picture image data with a specified moving picture encoding scheme;
10   data processing means for adding time extension information to extend reproduction time by the time same as that of voice data related to the still picture image data to output of the moving picture encoding means in a format corresponding to the moving picture encoding scheme; and

15   multiplexing means for multiplexing and outputting the output of the data processing means and the voice data, and

a reproduction apparatus including:

moving picture decoding means for receiving multiplexed output from the image processing apparatus and decoding the data
20   processed by the data processing means using a decoding method corresponding to the moving picture encoding scheme; and

means for simultaneously reproducing the voice data of the multiplexed output and the moving picture decoding means.

24. A reproduction apparatus, which receives and reproduces multiplexed output from an image processing apparatus that includes:

moving picture encoding means for encoding still picture

5   image data with a specified moving picture encoding scheme;

data processing means for adding time extension information to extend reproduction time by the time same as that of voice data related to the still picture image data to output of the moving picture encoding means in a format corresponding to the

10 moving picture encoding scheme; and

multiplexing means for multiplexing and outputting the output of the data processing means and the voice data,

comprising:

moving picture decoding means for decoding the data

15 processed by the data processing means using a decoding method corresponding to the moving picture encoding scheme; and

means for simultaneously reproducing the voice data of the multiplexed output and the moving picture decoding means.

25. Programs, which are computer-readable and allow a computer

20 to execute image processing operations of an image processing apparatus, comprising:

a moving picture encoding step for encoding still picture image data with a specified moving picture encoding scheme;

a data processing step for adding time extension information

25 to extend reproduction time by the time same as that of voice data related to said still picture image data to output of said

moving picture encoding means in a format corresponding to said moving picture encoding scheme; and

a multiplexing step for multiplexing and outputting the output after data processing and said voice data.